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APPLICANT  
C. L. Edwards et al.FILING DATE  
December 19, 2001GROUP ART UNIT  
1626

TECH CENTER 1600/290

## REFERENCE DESIGNATION

Examiner Initial	Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
KS	AA 3,676,523	7/11/72	Mason	260	683.15D	
KS	AB 3,686,351	8/22/72	Mason	260	683.15D	
KS	AC 3,737,475	6/5/73	Mason	260	683.15D	
KS	AD 3,825,615	7/23/74	Lutz	260	683.15D	
KS	AE 4,020,121	4/26/77	Kister et al.	260	683.15D	
KS	AF 4,021,447	5/3/77	Rubin et al.	260	326.8	
KS	AG 3,702,886	11/14/72	Argauer et al.	423	328	
KS	AH 3,709,979	1/9/73	Chu	423	328	
KS	AI 3,832,449	8/27/74	Rubin et al.			

## FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Class	Subclass	Translation Yes	No
AL WO 94/05761	3/17/94	World	C11D	3/10		
AM 1,429,143	3/24/76	Great Britain	C11D	10/02		
AN						
AO						

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

AR	Myers, Drew, "Surfactant Science and Technology," pp. 82-85, VCH Publishers, Inc. (New York, NY, USA) 1988 (ISBN 0-89573-399-0)
AS	K. Shinoda, "Principles of Solution and Solubility," translation in collaboration with Paul Becher, published by Marcel Dekker, Inc. 1978, pp. 292-304
AT	Reid, V.W., G.F. Longman and E. Heinerth, "Determination of Anionic-Active Detergents by Two-Phase Titration," Tensile 4, 1967, pp. 292-304

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05/12/2002

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- The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
- This is not a representation that a search has been made.

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ATTY. DOCKET NO.  
TH1647 (US)APPLICATION NUMBER  
10/025,080APPLICANT  
C. L. Edwards et al.FILING DATE  
December 19, 2001GROUP ART UNIT  
1626

TECH CENTER 1600/2

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## PATENT DOCUMENTS

## REFERENCE DESIGNATION

Examiner Initial	Document Number	Date	Patentee	Class	Subclass	Filing Date if Appropriate
KS	BA 4,482,531	11/13/84	Kuehl	423	329	
KS	BB 3,950,496	4/13/76	Ciric	423	328	
KS	BC 3,972,983	8/3/76	Ciric	423	328	
KS	BD 4,046,859	9/6/77	Plank et al.	423	328	
KS	BE 4,247,416	1/27/81	Doherty et al.	252	428	
KS	BF 4,086,186	4/25/78	Rubin et al.	252	430	
KS	BG 4,046,859	9/6/77	Plank et al.	423	328	
KS	BH 4,287,166	9/1/81	Dwyer et al.	423	325	
KS	BI 4,247,728	1/27/81	Rubin et al.	585	467	

## FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Subclass	Translation Yes No
BL					
BM					
BN					
BO					

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

KS	BR	B. E. Gordon, H. Roddewig and W. T. Shebs, "A Double Label Radiotracer Approach to Detergency Studies," Journal of American Oil Chemists' Society, Vol. 44, No. 5 (1967) pp. 289-294
KS	BS	W. T. Shebs and B. E. Gordon, "Improvements in Detergency Precision With Radioactive Soil," Journal of American Oil Chemists' Society, Vol. 45, No. 5 (1968) pp. 377-380
KS	BT	W. T. Shebs, "Radioisotope Techniques in Detergency," Chapter 3, <u>Detergency Theory and Technology</u> , Marcel Dekker, Inc., New York (1987) pp. 125-191

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FORM PTO-1449 (Modified)

ATTY. DOCKET NO.  
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10/025,080

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December 19, 2001GROUP ART UNIT  
162C

TECH CENTER 1600/29

## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Patentee	Class	Subclass	Filing Date if Appropriate
KS	CA 4,495,303	1/22/85	Kuehl	502	62	
KS	CB 4,397,827	8/9/83	Chu	423	326	
KS	CC 4,640,829	2/3/87	Rubin	423	328	
KS	CD 4,568,654	2/4/86	Valyocsik	502	62	
KS	CE 4,698,217	10/6/87	Valyocsik	423	328C	
KS	CF 4,647,442	3/3/87	Derouane et al.	423	306	
KS	CG 4,619,818	10/28/86	Derogane et al.	423	306	
KS	CH 4,954,325	9/4/90	Rubin et al.	423	328	
KS	CI 5,236,575	8/17/93	Bennett et al.	208	46	

## FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Class	Subclass	Translation Yes	No
CL						
CM						
CN						
CO						

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

CR	
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CT	

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## U.S. PATENT DOCUMENTS

## REFERENCE DESIGNATION

Examiner Initial		Document Number	Date	Patentee	Class	Subclass	Filing Date if Appropriate
ks	DA	3,308,069	3/7/67	Wadlinger et al.	252	455	
	DB	Re. 28,341	2/18/75	Wadlinger, et al.	208	120	
	DC	3,058,805	10/16/62	Weber	23	113	
	DD	3,130,007	4/21/64	Breck	23	113	
	DE	3,996,337	12/7/76	Stabenow et al.	423	328	
	DF	4,440,871	4/3/84	Lok et al.	502	214	
	DG	5,059,567	10/22/91	Linsten et al.	502	64	
	DH	3,462,525	8/19/69	Levinsky	424	56	
ks	DI	3,428,654	2/18/69	Rubinfeld et al.	260	327	

## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation Yes No	
	DL						
	DM						
	DN						
	DO						

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	DR	
	DS	
	DT	

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Examiner Initial		Document Number	Date	Patentee	Class	Subclass	Filing Date if Appropriate
ks	EA	3,420,875	1/7/69	Di Salvo et al.	260	513	
	EB	3,506,580	4/14/70	Rubinfeld et al.	252	138	
	EC	3,579,537	5/18/71	Rubinfeld et al.	260	327	
	ED	3,524,864	8/18/70	Rubinfeld et al.	260	327	
	EE	5,057,627	10/15/91	Edwards	568	618	
	EF	6,087,311	7/11/00	Van Dijk	510	294	
	EG	6,083,893	7/4/00	Zint et al.	510	221	
	EH	6,159,920	12/12/00	Ridyard	510	324	
ks	EI	6,153,574	11/28/00	Janssen	510	224	

## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation Yes No	
EL							
EM							
EN							
EO							

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

ER	
ES	
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